

Title (en)
HYBRID HUMAN/ELECTRIC POWERED VEHICLE

Title (de)
VON MENSCHEN/ELEKTRISCH ANGETRIEBENES HYBRIDFAHRZEUG

Title (fr)
VEHICULE HYBRIDE A COMMANDE HUMAINE/ELECTRIQUE

Publication
EP 1512055 B1 20091125 (EN)

Application
EP 03736981 A 20030611

Priority
• US 0318267 W 20030611
• US 38764102 P 20020611

Abstract (en)
[origin: US7017686B2] A personal transporter that provides both for propulsion by a user, and, at the same time, for dynamic stabilization by means of a powered actuator. A pitch variable such as pitch or time rate of change of pitch is sensed and used to determine the torque provided to a wheel, whether in a co-rotating or counter-rotating direction, in order to maintain stability of the transporter with respect to tipping in the fore-aft plane.

IPC 8 full level
G01C 19/00 (2006.01); **G05D 1/08** (2006.01); **B60L 11/18** (2006.01); **A61G 5/02** (2006.01); **A61G 5/04** (2013.01)

CPC (source: EP US)
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